CAMBRIA

July 19, 2002

Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

JUL 23 2002

Re: **Second Quarter 2002 Monitoring Report**
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, California
Incident #98995843
Cambria Project #244-0699-002

Dear Mr. Seery:

Effective March 1, 2002, Equiva Services LLC and Equilon Enterprises LLC are now doing business as (dba) Shell Oil Products US (Shell). On behalf of Shell, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

SECOND QUARTER 2002 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the site wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a groundwater elevation contour map (Figure 1). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A

Although efforts were made by Cambria to coordinate groundwater monitoring with the adjacent Chevron service station, Chevron's consultant (Gettler-Ryan, Inc.) chose not to coordinate sampling of the two sites.

Additional Oxygenate Analysis: In addition to the regular quarterly analysis for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, and methyl-tertiary-butyl ether (MTBE), groundwater samples from monitoring wells S-1 and S-5 were analyzed for five additional oxygenates. Analytical results for MTBE, di-isopropyl ether, ethyl tert-butyl ether, tert-amyl methyl ether, tert-butyl alcohol, and ethanol are presented in Table 1.

Oakland, CA
San Ramon, CA
Sonoma, CA

Cambria Environmental Technology, Inc.

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

ANTICIPATED FUTURE ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the second quarter of 2003. At that time, Blaine will gauge and sample all wells and tabulate the data. Cambria will prepare a monitoring report.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Matt Derby at (510) 420-3332 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Anni Kreml
Senior Staff Scientist

Matthew W. Derby, P.E.
Senior Project Engineer

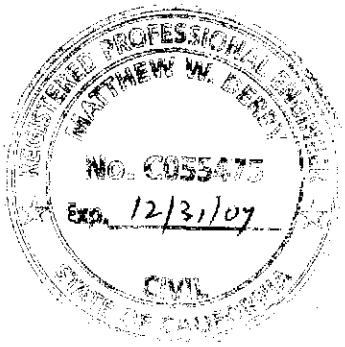

Figure: 1 - Groundwater Elevation Contour Map

Table: 1 - Groundwater Analytical Data - Oxygenates

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Shell Oil Products US, P.O. Box 7869, Burbank, CA 91510-7869

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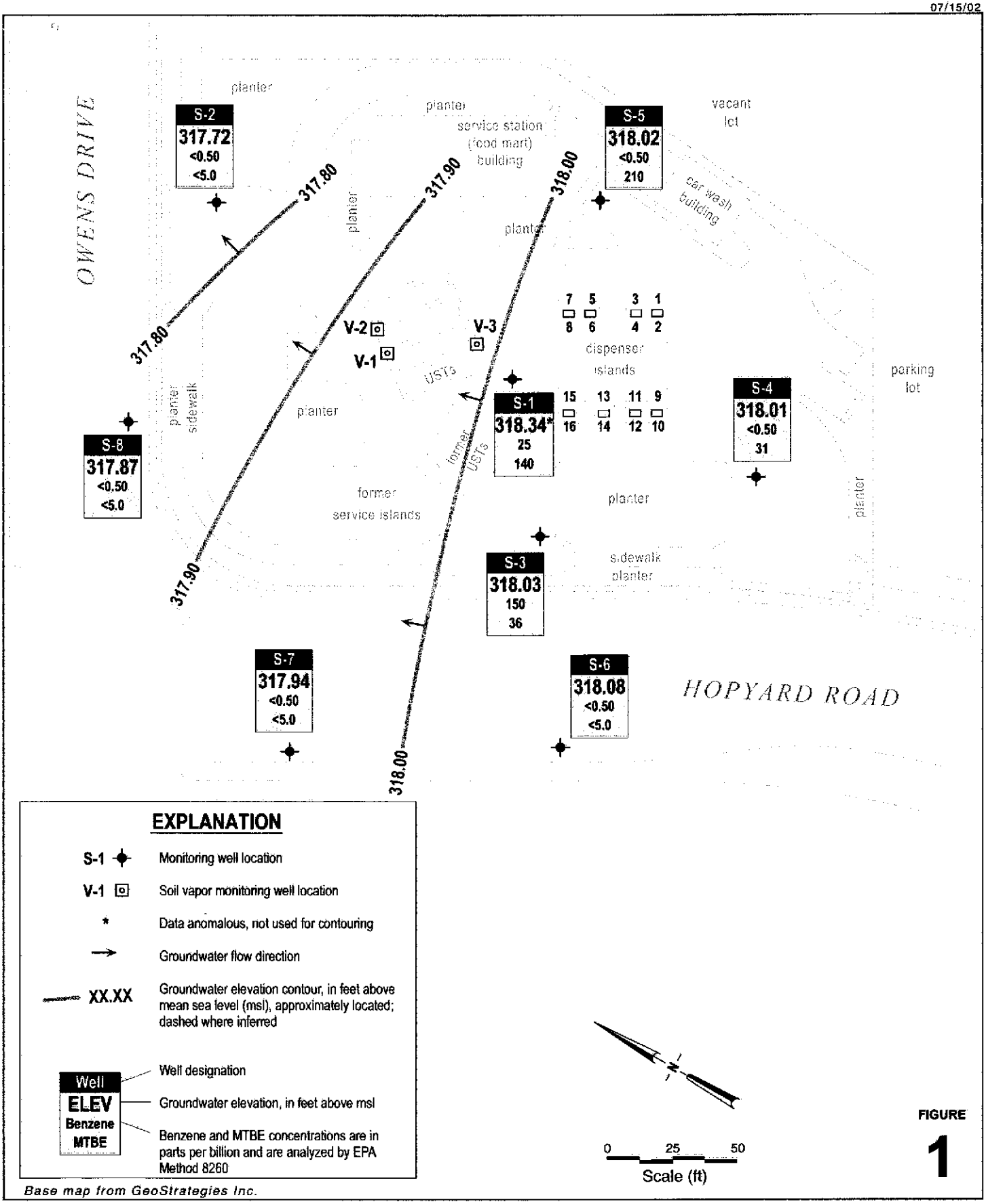
Table 1. **Groundwater Analytical Data - Oxygenates** - Shell-branded Service Station, Incident #98995843, 5251 Hopyard Road, Pleasanton, California

Sample ID	Date Sampled	MTBE	DIPE	ETBE	TAME	TBA	Ethanol
		← (Concentrations in ppb) →					
S-1	06/17/02	140	<2.0	<2.0	<2.0	<50	<500
S-5	06/17/02	210	<2.0	<2.0	<2.0	<50	<500

Abbreviations:

MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tert-butyl ether, analyzed by EPA Method 8260B
TAME = Tert-amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tert-butyl alcohol, analyzed by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B
ppb = Parts per billion

07/15/02



Base map from GeoStrategies Inc.

G:\PLEASANTON\5251HOPYARD\FIGURES\2QM02-MP.AI

FIGURE 1

Shell-branded Service Station
5251 Hopyard Road
Pleasanton, California
Incident #98995843

CAMBRIA

Groundwater Elevation Contour Map
June 17, 2002

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

July 12, 2002

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

Second Quarter 2002 Groundwater Monitoring at
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Monitoring performed on June 17, 2002

Groundwater Monitoring Report ***020617-JK-1***

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/jt

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Cambria Environmental Technology, Inc.
1144 65th Street, Suite C
Oakland, CA 94608-2411

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	01/25/1991	2,500	1,500	460	<25	130	36	NA	NA	326.73	NA	NA	NA
S-1	04/06/1991	6,700	2,600a	2,600	14	580	250	NA	NA	326.73	NA	NA	NA
S-1	07/24/1991	8,800	3,800a	2,300	30	640	220	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300a	3,600	380	990	580	NA	NA	326.73	8.85	317.88	NA
S-1	01/23/1992	1,600	890	450	3	120	17	NA	NA	326.73	NA	NA	NA
S-1	04/27/1992	1,100g	500a	610	<10	110	10	NA	NA	326.73	NA	NA	NA
S-1	07/21/1992	5,100	290c	1,900	54	460	140	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390c	3,200	310	780	360	NA	NA	326.73	NA	NA	NA
S-1	01/23/1993	2,300	30d	640	<5	110	13	NA	NA	326.73	7.96	318.77	NA
S-1	04/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	326.73	9.07	317.66	NA
S-1	09/22/1993	3,000	610a	660	28	160	17	NA	NA	326.73	8.68	318.05	NA
S-1	12/08/1993	520	280	210	<2.5	49	<2.5	NA	NA	326.73	8.23	318.50	NA
S-1	03/04/1994	640	NA	190	1.4	18	1.3	NA	NA	326.73	8.81	317.92	NA
S-1 (D)	03/04/1994	640	NA	180	1.7	17	1.3	NA	NA	326.73	8.81	317.92	NA
S-1	06/16/1994	2,500	NA	390	9.5	31	7.5	NA	NA	326.73	8.80	317.93	NA
S-1 (D)	06/16/1994	2,000	NA	410	7.8	120	20	NA	NA	326.73	8.80	317.93	NA
S-1	09/13/1994	1,400	NA	310	7.7	29	8.5	NA	NA	326.73	8.62	318.11	NA
S-1 (D)	09/13/1994	1,400	NA	240	7.9	44	6.3	NA	NA	326.73	8.62	318.11	NA
S-1	05/05/1995	800	NA	120	3.6	26	2.7	NA	NA	326.73	11.54	315.19	NA
S-1 (D)	05/05/1995	710	NA	110	3.4	19	2.7	NA	NA	326.73	11.54	315.19	NA
S-1	05/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	326.73	8.88	317.85	NA
S-1	05/12/1997	4,700	NA	200	15	210	20	2,300	NA	326.73	11.19	315.54	2.4
S-1 (D)	05/12/1997	4,800	NA	210	16	190	16	3,200	2,900	326.73	11.19	315.54	2.4
S-1	05/08/1998	500	NA	18	2.1	2.3	2	1,000	NA	326.73	8.38	318.35	2.1
S-1	06/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	326.73	8.79	317.94	2.4
S-1	04/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	326.73	8.50	318.23	2.8

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-1	05/30/2001	3,900	NA	27	12	140	28	NA	140	326.73	8.18	318.55	2.6
S-1	**06/17/2002**	**2,700**	**NA**	**25**	**11**	**51**	**14**	**NA**	**140**	**326.73**	**8.39**	**318.34**	**3.2**
S-2	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.83	317.76	NA
S-2	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	07/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	NA	NA	NA
S-2	01/23/1993	<50	140b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.10	318.49	NA
S-2	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	9.06	317.53	NA
S-2	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	NA
S-2	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.90	317.69	NA
S-2	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.98	317.61	NA
S-2	09/13/1994	<50	NA	<0.5	2.5	<0.5	<0.5	NA	NA	326.59	8.78	317.81	NA
S-2	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.60	317.99	NA
S-2	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.59	8.75	317.84	NA
S-2	05/12/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	326.59	8.72	317.87	3.4
S-2	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.59	8.63	317.96	3.1
S-2	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.59	8.79	317.80	2.6
S-2	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.59	8.33	318.26	2.0
S-2	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.59	8.56	318.03	1.8
S-2	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**326.59**	**8.87**	**317.72**	**i**

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-3	01/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	327.38	NA	NA	NA
S-3	04/16/1991	190	140a	12	0.8	6.2	1.5	NA	NA	327.38	NA	NA	NA
S-3	07/24/1991	1,700	1,200a	450	4.4	150	2.9	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	327.38	9.64	317.74	NA
S-3	01/23/1992	2,000	650a	580	3	200	<0.5	NA	NA	327.38	NA	NA	NA
S-3	04/27/1992	1,100	230a	150	<3	76	14	NA	NA	327.38	NA	NA	NA
S-3	07/17/1992	810	58	200	<2.5	57	3.8	NA	NA	327.38	NA	NA	NA
S-3	10/16/1992	440	190c	79	1.8	18	4.6	NA	NA	327.38	NA	NA	NA
S-3	01/23/1993	670	170d	79	1.5	46	15	NA	NA	327.38	8.81	318.57	NA
S-3	04/28/1993	2,000	<50	300	3.4	210	38	NA	NA	327.38	9.87	317.51	NA
S-3	09/22/1993	4,800	670a	2,000	34	150	51	NA	NA	327.38	9.65	317.73	NA
S-3	12/08/1993	1,200	11	440	<5.0	120	29	NA	NA	327.38	9.26	318.12	NA
S-3	03/04/1994	630	NA	130	<0.5	17	0.8	NA	NA	327.38	9.64	317.74	NA
S-3	06/16/1994	1,800	NA	430	19	35	21	NA	NA	327.38	9.78	317.60	NA
S-3	05/05/1995	160	NA	50	0.9	7.2	4.1	NA	NA	327.38	9.38	318.00	NA
S-3	05/21/1996	270	NA	45	<0.5	1.4	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3 (D)	05/21/1996	210	NA	<0.5	<0.5	0.95	<0.5	NA	NA	327.38	9.41	317.97	NA
S-3	05/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	327.38	9.30	318.08	2.5
S-3	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	327.38	9.12	318.26	2.2
S-3	06/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	327.38	9.39	317.99	2.1
S-3	04/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	327.38	9.04	318.34	1.8
S-3	05/30/2001	2,200	NA	510	6.9	100	21	NA	33	327.38	9.19	318.19	2.0
S-3	**06/17/2002**	**600**	**NA**	**150**	**2.1**	**30**	**11**	**NA**	**36**	**327.38**	**9.35**	**318.03**	**0.1**
S-4	01/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	327.38	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-4	04/16/1991	<50	0.7	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.82	318.56	NA
S-4	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	07/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	NA	NA	NA
S-4	01/23/1993	<500	94b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	8.32	319.06	NA
S-4	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.76	317.62	NA
S-4	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA
S-4	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.02	318.36	NA
S-4	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.38	9.29	318.09	NA
S-4	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	140	NA	327.38	7.95	319.43	2.5
S-4	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	250	NA	327.38	8.96	318.42	2.0
S-4	06/27/1999	303	NA	35.8	24.8	12.4	69.8	106	NA	327.38	8.90	318.48	2.6
S-4	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	40.2	NA	327.38	8.37	319.01	1.9
S-4	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.8	327.38	8.83	318.55	1.8
S-4	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**31**	**327.38**	**9.37**	**318.01**	**4.8**
S-5	01/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	327.76	NA	NA	NA
S-5	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	327.76	NA	NA	NA
S-5	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120e	<50	4.3	<0.5	1	0.7	NA	NA	327.76	10.00	317.76	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-5	01/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	04/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	327.76	NA	NA	NA
S-5	07/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	327.76	NA	NA	NA
S-5	01/23/1993	<50	150b	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	8.88	318.88	NA
S-5	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.20	317.56	NA
S-5	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.92	317.84	NA
S-5	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	10.19	317.57	NA
S-5	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.95	317.81	NA
S-5	06/16/1994	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	327.76	10.02	317.74	NA
S-5	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.58	318.18	NA
S-5	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	327.76	9.84	317.92	NA
S-5	05/12/1997	360	NA	3.3	<0.50	17	9.8	130	NA	327.76	9.16	318.60	4.2
S-5	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	92	NA	327.76	9.25	318.51	3.8
S-5 (D)	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	100	NA	327.76	9.25	318.51	3.8
S-5	06/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	327.76	9.39	318.37	3.0
S-5	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	327.76	9.43	318.33	1.2
S-5	05/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	327.76	9.47	318.29	1.1
S-5	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**210**	**327.76**	**9.74**	**318.02**	**0.2**
S-6	01/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	326.56	NA	NA	NA
S-6	04/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	326.56	NA	NA	NA
S-6	07/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	8.84	317.22	NA
S-6	01/23/1992	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	326.56	NA	NA	NA
S-6	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-6	07/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	NA	NA	NA
S-6	01/23/1993	<50	230b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	7.82	318.74	NA
S-6	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.00	317.56	NA
S-6	09/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.61	317.96	NA
S-6	12/08/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	10.02	316.54	NA
S-6	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.88	317.68	NA
S-6	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	9.04	317.52	NA
S-6	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.54	318.02	NA
S-6	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.56	8.62	317.94	NA
S-6	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	8.60	317.96	2.6
S-6	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.56	7.90	318.66	2.2
S-6	06/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	326.56	8.01	318.55	2.3
S-6	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.56	8.84	317.72	2.0
S-6	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.56	8.54	318.02	1.9
S-6	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**326.56**	**8.48**	**318.08**	**1.3**
S-7	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	10/18/1991	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.92	317.57	NA
S-7	01/23/1992	<50	140f	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	07/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	NA	NA	NA
S-7	01/23/1993	<50	110b	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.06	318.43	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-7	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.94	317.55	NA
S-7	09/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	12/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	03/04/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	06/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.58	317.91	NA
S-7	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	326.49	8.64	317.85	NA
S-7	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.74	317.75	2.3
S-7	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	326.49	8.00	318.49	2.5
S-7	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	326.49	8.75	317.74	2.9
S-7	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	326.49	8.96	317.53	2.2
S-7	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	326.49	8.65	317.84	2.0
S-7	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**326.49**	**8.55**	**317.94**	**2.3**
S-8	01/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	04/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360f	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.62	317.70	NA
S-8	01/23/1992	<50	90	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	04/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	07/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	325.32	NA	NA	NA
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	NA	NA	NA
S-8	01/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.00	318.32	NA
S-8	04/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.77	317.55	NA
S-8	09/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.67	317.65	NA
S-8	12/08/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.76	317.56	NA

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
S-8	03/04/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.66	317.66	NA
S-8	06/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.78	317.54	NA
S-8	05/05/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.42	317.90	NA
S-8	05/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	325.32	7.50	317.82	NA
S-8	05/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.56	317.76	1.6
S-8	05/08/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	325.32	7.64	317.68	2.0
S-8	06/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	325.32	7.75	317.57	2.3
S-8	04/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	325.32	8.02	317.30	1.8
S-8	05/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	325.32	7.34	317.98	1.8
S-8	**06/17/2002**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<5.0**	**325.32**	**7.45**	**317.87**	**1.8**

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.

MTBE = Methyl-tertiary-butyl ether

TOB = Top of Wellbox Elevation

SPH = Separate-Phase Hydrocarbons

GW = Groundwater

DO = Dissolved Oxygen

ug/L = Parts per billion

ppm = Parts per million

msl = Mean sea level

ft = Feet

<n = Below detection limit

D = Duplicate sample

WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA
Wic #204-6138-0907

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOB (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.

b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.

c = The concentration reported as TEPH due to the presence of a lighter petroleum product.

d = Concentrations reported as diesel includes a heavier petroleum product.

e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.

g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.

h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.

i = DO reading not taken.

KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Leon Gearhart
Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject : 8 Water Samples
Project Name : 5251 Hopyard Rd., Pleasanton
Project Number : 020617-JK-1
P.O. Number : 98995843

Dear Mr. Gearhart,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-1** Matrix : Water Lab Number : 26988-01
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**25**	0.50	ug/L	EPA 8260B	06/28/2002
Toluene	**11**	0.50	ug/L	EPA 8260B	06/28/2002
Ethylbenzene	**51**	0.50	ug/L	EPA 8260B	06/28/2002
Total Xylenes	**14**	0.50	ug/L	EPA 8260B	06/28/2002
Methyl-t-butyl ether (MTBE)	**140**	0.50	ug/L	EPA 8260B	06/28/2002
Diisopropyl ether (DIPE)	**< 2.0**	2.0	ug/L	EPA 8260B	06/28/2002
***Ethyl-t-butyl ether* (ETBE)**	**< 2.0**	2.0	ug/L	EPA 8260B	06/28/2002
Tert-amyl methyl ether (TAME)	**< 2.0**	2.0	ug/L	EPA 8260B	06/28/2002
Tert-Butanol	**< 50**	50	ug/L	EPA 8260B	06/28/2002
Ethanol	**< 500**	500	ug/L	EPA 8260B	06/28/2002
TPH as Gasoline	**2700**	50	ug/L	EPA 8260B	06/28/2002
Toluene - d8 (Surr)	94.9		% Recovery	EPA 8260B	06/28/2002
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	06/28/2002

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-2** Matrix : Water Lab Number : 26988-02
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	92.9		% Recovery	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	82.1		% Recovery	EPA 8260B	06/22/2002

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-3** Matrix : Water Lab Number : 26988-03
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**150**	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	**2.1**	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	**30**	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	**11**	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	**36**	5.0	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	**600**	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	88.4		% Recovery	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	85.4		% Recovery	EPA 8260B	06/22/2002

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-4** Matrix : Water Lab Number : 26988-04
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	**31**	5.0	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	92.0		% Recovery	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	81.6		% Recovery	EPA 8260B	06/22/2002

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-5** Matrix : Water Lab Number : 26988-05
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	**210**	0.50	ug/L	EPA 8260B	06/22/2002
Diisopropyl ether (DIPE)	**< 2.0**	2.0	ug/L	EPA 8260B	06/22/2002
Ethyl-t-butyl ether (ETBE)	**< 2.0**	2.0	ug/L	EPA 8260B	06/22/2002
Tert-amyl methyl ether (TAME)	**< 2.0**	2.0	ug/L	EPA 8260B	06/22/2002
Tert-Butanol	**< 50**	50	ug/L	EPA 8260B	06/22/2002
Ethanol	**< 500**	500	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	06/22/2002

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KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-6** Matrix : Water Lab Number : 26988-06
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	92.7		% Recovery	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	82.3		% Recovery	EPA 8260B	06/22/2002

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-7** Matrix : Water Lab Number : 26988-07
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	06/21/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/21/2002
Toluene - d8 (Surr)	93.3		% Recovery	EPA 8260B	06/21/2002
4-Bromofluorobenzene (Surr)	83.6		% Recovery	EPA 8260B	06/21/2002

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 26988
Date : 07/01/2002

Project Name : **5251 Hopyard Rd., Pleasanton**
Project Number : **020617-JK-1**

Sample : **S-8** Matrix : Water Lab Number : 26988-08
Sample Date :06/17/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	06/21/2002
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	06/21/2002
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	06/21/2002
Toluene - d8 (Surr)	92.2		% Recovery	EPA 8260B	06/21/2002
4-Bromofluorobenzene (Surr)	82.7		% Recovery	EPA 8260B	06/21/2002

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 26988

Date : 07/01/2002

QC Report : Method Blank Data

Project Name : **5251 Hopyard Rd., Pleasanton**

Project Number : **020617-JK-1**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	06/21/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	06/21/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	06/21/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	06/21/2002
Methyl-t-butyl ether (MTBE)	< 5.0	5.0	ug/L	EPA 8260B	06/21/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	06/21/2002
Toluene - d8 (Surr)	92.4		%	EPA 8260B	06/21/2002
4-Bromofluorobenzene (Surr)	85.5		%	EPA 8260B	06/21/2002
Benzene	< 0.50	0.50	ug/L	EPA 8260B	06/22/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	06/22/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	06/22/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	06/22/2002
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	06/22/2002
Diisopropyl ether (DIPE)	< 2.0	2.0	ug/L	EPA 8260B	06/22/2002
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	06/22/2002
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	06/22/2002
Tert-Butanol	< 50	50	ug/L	EPA 8260B	06/22/2002
Ethanol	< 500	500	ug/L	EPA 8260B	06/22/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	06/22/2002
Toluene - d8 (Surr)	100		%	EPA 8260B	06/22/2002
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	06/22/2002

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	06/27/2002
Toluene	< 0.50	0.50	ug/L	EPA 8260B	06/27/2002
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	06/27/2002
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	06/27/2002
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	06/27/2002
Diisopropyl ether (DIPE)	< 2.0	2.0	ug/L	EPA 8260B	06/27/2002
Ethyl-t-butyl ether (ETBE)	< 2.0	2.0	ug/L	EPA 8260B	06/27/2002
Tert-amyl methyl ether (TAME)	< 2.0	2.0	ug/L	EPA 8260B	06/27/2002
Tert-Butanol	< 50	50	ug/L	EPA 8260B	06/27/2002
Ethanol	< 500	500	ug/L	EPA 8260B	06/27/2002
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	06/27/2002
Toluene - d8 (Surr)	99.6		%	EPA 8260B	06/27/2002
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	06/27/2002

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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Report Number : 26988

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 07/01/2002

Project Name : **5251 Hopyard Rd.,**

Project Number : **020617-JK-1**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	26986-01	<0.50	40.0	40.0	42.6	40.3	ug/L	EPA 8260B	6/21/02	106	101	5.43	70-130	25
Toluene	26986-01	<0.50	40.0	40.0	37.8	36.4	ug/L	EPA 8260B	6/21/02	94.6	90.9	3.94	70-130	25
Tert-Butanol	26986-01	<5.0	200	200	192	193	ug/L	EPA 8260B	6/21/02	95.8	96.3	0.500	70-130	25
Methyl-t-Butyl Ether	26986-01	<0.50	40.0	40.0	36.0	35.4	ug/L	EPA 8260B	6/21/02	90.0	88.6	1.62	70-130	25
Benzene	27072-07	<0.50	40.0	40.0	37.5	36.6	ug/L	EPA 8260B	6/22/02	93.7	91.6	2.29	70-130	25
Toluene	27072-07	<0.50	40.0	40.0	37.6	36.9	ug/L	EPA 8260B	6/22/02	94.1	92.3	1.96	70-130	25
Tert-Butanol	27072-07	<5.0	200	200	180	183	ug/L	EPA 8260B	6/22/02	90.2	91.7	1.62	70-130	25
Methyl-t-Butyl Ether	27072-07	26	40.0	40.0	65.9	64.9	ug/L	EPA 8260B	6/22/02	99.8	97.4	2.46	70-130	25
Benzene	27149-01	<0.50	40.0	40.0	36.7	37.0	ug/L	EPA 8260B	6/27/02	91.8	92.4	0.652	70-130	25
Toluene	27149-01	<0.50	40.0	40.0	37.0	33.9	ug/L	EPA 8260B	6/27/02	92.4	84.8	8.58	70-130	25
Tert-Butanol	27149-01	<5.0	200	200	191	188	ug/L	EPA 8260B	6/27/02	95.4	94.2	1.20	70-130	25
Methyl-t-Butyl Ether	27149-01	<0.50	40.0	40.0	40.4	37.9	ug/L	EPA 8260B	6/27/02	101	94.8	6.40	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Report Number : 26988

QC Report : Laboratory Control Sample (LCS)

Date : 07/01/2002

Project Name : **5251 Hopyard Rd.,**

Project Number : **020617-JK-1**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	6/21/02	105	70-130
Toluene	40.0	ug/L	EPA 8260B	6/21/02	93.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/21/02	97.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/21/02	86.6	70-130
Benzene	40.0	ug/L	EPA 8260B	6/22/02	93.0	70-130
Toluene	40.0	ug/L	EPA 8260B	6/22/02	94.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/22/02	91.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/22/02	99.4	70-130
Benzene	40.0	ug/L	EPA 8260B	6/27/02	88.9	70-130
Toluene	40.0	ug/L	EPA 8260B	6/27/02	88.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/27/02	96.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/27/02	97.6	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

LAB: K:SC

SHELL Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

Karen Petryna

26988

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 8 4 3

SAP or CRMT NUMBER (TS/CRMT):

DATE: 6-17-02

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE	SITE ADDRESS (Street and City)	GLOBAL ID NO.
Blaine Tech Services	BTSS	5251 Hopyard Rd., Pleasanton	T0600101267

ADDRESS	EDF DELIVERABLE TO (Responsible Party or Designee)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.
1680 Rogers Avenue, San Jose, CA 95112	Anni Kreml	(510) 420-3335	ShellOaklandEDF@cambria-env.com	020617-JK-1

PROJECT CONTACT (Hardcopy or PDF Report to)	TELEPHONE	FAX	E-MAIL	SAMPLER NAME(S) (Print)	BTS #
Leon Gearhart	408-573-0555	408-573-7771	lgearhart@blainetech.com	Josh Kerns	LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	TEMPERATURE ON RECEIPT C°
	S-1	6/17	1315	W	3	X	X	X		X	X			-01
	S-2		1125			X	X	X						-02
	S-3		1330			X	X	X						-03
	S-4		1145			X	X	X						-04
	S-5		1200			X	X	X		X	X			-05
	S-6		1025			X	X	X						-06
	S-7		1055			X	X	X						-07
	S-8		1015			X	X	X						-08

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	John Cuttle/Kiff Analytical	061802	1217

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/16/00 Revision

Q&Q Graphic (714) 898-9702

WELL GAUGING DATA

Project # 020617-JK-1 Date 6-17-02 Client Shell

Site 5251 Hopyard Rd Pleasanton CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
S-1	3					8.29	29.74	TOB	8
S-2	3					8.87	24.23		4
S-3	3					9.35	25.04		7
S-4	3					9.27	24.42		5
S-5	3					9.74	24.65		6
S-6	3					8.48	26.24		3
S-7	3					8.55	25.31		2
S-8	3					7.45	25.33		1

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-1	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 29.74	Depth to Water: 8.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

7.9 (Gals.) X 3 = 23.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1307	71.7	8.5	1680	>200	8	
1310	70.8	8.2	1695	>200	16	
1312	71.2	8.0	1731	>200	24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 1315 Sampling Date: 6-17-02

Sample I.D.: S-1 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	3.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 24.23	Depth to Water: 8.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer ✓ Waterra
Disposable Bailer Peristaltic
Middleburg Extraction Pump
✓ Electric Submersible Other_____

Sampling Method: Bailer ✓
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: _____

5.7 (Gals.) X 3 = 17.1 Gals.
1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1115	67.8	8.1	3665	>200	6	
1117	67.2	8.0	3675	>200	12	
1118	67.2	7.9	3600	>200	18	

Did well dewater? Yes (No) Gallons actually evacuated: 18

Sampling Time: 1125 Sampling Date: 6-17-02

Sample I.D.: S-2 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-3	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 25.04	Depth to Water: 9.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer, Disposable Bailer, ✓Middleburg, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: ✓Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

5.6 (Gals.) X	3	=	17.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1213	70.0	7.6	2541	>200	6	cloudy
1215	69.9	7.6	2605	>200	12	"
1216	69.0	7.5	2613	>200	18	"

Did well dewater? Yes (No)	Gallons actually evacuated: 18
Sampling Time: 1220	Sampling Date: 6-17-02
Sample I.D.: S-3	Laboratory: (Kiff) SPL Other_____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	Ø.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 21.42	Depth to Water: 9.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ✓ Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.6 (Gals.) X 3 = 16.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1139	68.7	8.2	1667	>200	6	
1140	69.2	7.9	1540	>200	12	
1141	68.9	7.8	1499	>200	17	

Did well dewater? Yes (No) Gallons actually evacuated: 17

Sampling Time: 1145 Sampling Date: 6-17-02

Sample I.D.: S-4 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	4.8 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 24.65	Depth to Water: 9.74
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ✓ Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.5 (Gals.) X 3 = 16.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1153	67.9	7.7	1308	>200	6	
1154	66.1	7.6	1325	>200	12	
1155	65.8	7.6	1287	>200	17	

Did well dewater? Yes (No) Gallons actually evacuated: 17

Sampling Time: 1200 Sampling Date: 6-17-02

Sample I.D.: S-5 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 26.24	Depth to Water: 8.48
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

6.6 (Gals.) X 3 = 19.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1029	68.7	7.8	6680	>200	7	cloudy
1030	69.2	7.6	6808	>200	14	"
1031	69.[illegible]	7.6	6760	>200	20	"

Did well dewater? Yes (No)	Gallons actually evacuated: 20
Sampling Time: 1035	Sampling Date: 6-17-02
Sample I.D.: S-6	Laboratory: (Kiff) SPL Other_____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 25.31	Depth to Water: 8.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

6.2 (Gals.) X 3 = 18.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1049	69.6	7.5	85.59	>200	6.5	
1050	69.9	7.2	10.8 MS	>200	14.0	
1052	69.5	7.2	10.7 MS	>200	19.0	

Did well dewater? Yes (No) Gallons actually evacuated: 19.0

Sampling Time: 1055 Sampling Date: 6-17-02

Sample I.D.: S-7 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.3	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 020617-JK-1	Site: 5251 Hopyard Rd. Pleasanton
Sampler: JK	Date: 6-17-02
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 25.33	Depth to Water: 7.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC (Grade)	D.O. Meter (if req'd): YSI HACH

Purge Method: Bailer; Disposable Bailer; Middleburg; ✓ Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer ✓; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

6.6 (Gals.) X 3 = 19.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1005	67.3	7.0	12.3	>200	7	
1007	67.4	7.0	12.3	>200	14	
1009	67.0	7.1	12.2	>200	20	

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Time: 1015 Sampling Date: 6-17-02

Sample I.D.: S-8 Laboratory: (Kiff) SPL Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:	1.8 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV